In the Claims:

Cancel claims 1 through 11 and add claims 12-22.

1-11. (Canceled).

12. (New). A method of determining a position of a solidification point in a strand (1) during a continuous casting of liquid metals wherein the strand (1) formed in a continuous casting mold (4) is displaced in support roller segments (5) provided with drive support roller pairs (6), the method comprising the steps of indirectly measuring a movable amount of a core liquid volume by direct measurement of generated process parameters on fixed or adjustable individual support rollers (6a) or groups (7) of fixed or adjustable support roller pairs (7a) with signal transmitters (10) which generate respective force and/or path signals; producing a calculation model (15) for a momentary position of the solidification point (1a) based on the force and/or path signals; and continuously adjusting changeable casting parameters based on the produced calculation model.

13. (New). A method according to claim 12, wherein the force and/or path signals are based on a local change of a strand thickness.

14. (New). A method according to claim 12, wherein the force and/or path signals are based on a change of at least one of stop plug position

(8) and or a valve position in an intermediate receptacle (3) provided between the continuous casting mold (4) and the teeming ladle.

15. (New). A method according to claim 12, wherein the force and/or path signals are based on changes of a melt level (9) in the continuous casting mold (4).

16. (New). A method according to claim 12, wherein the force and/or path signals are based a changeable volume of liquid metal that flows between an intermediate receptacle (3) and the continuous casting mold.

17. (New). A method according to claim 12, wherein the signal transmitters generate force signals based on changes of clamping forces between support roller pairs (7a) or support roller segment sides (5a).

18. (New).l A method according to claim 12, wherein dependent on the calculation model (15), an automatic adjustment of a support roller segment (5) or an adjustable support roller (6a) is carried out.

19. (New). A method according to claim 12, wherein a sequenced of position or force changes in a same system direction on the strand (1) is undertaken from bottom upwards or in reverse.

20. (New) A method according to claim 12, wherein a support roller segment (5) without independently adjustable, drive separate support roller (6a), on a loose side (13b), is adjusted, dependent on a position and width (1a) of a local and temporarily solidification point (1a), by two piston-cylinder units (11) spaced in a strand displacement direction (14) below or above at an angle to the strand displacement direction (14).

21. (New). A method according to claim 21, wherein independently adjustable, driven support roller pair (6) on, a loose side (13b), in addition to adjustment of a support roller segment (5), dependent on the position and the width (1c) of the local and temporarily solidification point (1d), is adjusted with a piston-cylinder unit (11).

22. (New). A device for determining a position of solidification point (1a) in a strand (1) during a continuous casting of liquid metals wherein the strand (1) is formed in a continuous casting mold (4) and is displaced in support roller segments (5) or roller pairs (6) provided with driven support rollers (6a), the device comprising hydraulic piston-cylinder units (11) for adjusting the support roller segments; signal transmitters (10) provided on an intermediate receptacle (3) located between the teeming ladle (2) and the continuous casting mold

(4), in the continuous casting mold (4), in the hydraulic piston-cylinder units (11) of the support roller segments (5) or of adjustable, free-running, or driven individual rollers (6a) for generating force and/or path signals and data processing unit (12) for processing force and/or path signals and for producing a calculation model (15) used for determining a momentary position of a core liquid volume inside still liquid strand (1).